-continued

Component	Wt. %
Potassium salt of 1,2-dihydroxy-3,5-disulfobenzene	1.5
Ethoxylated tetraethylenepentamine (Example I-type)	1.5
Potassium polyacrylate (avg. M.W. approx. 9000)	1.5
Water and miscellaneous	Balance to 100%

The components are added together with continuous mixing to form the composition.

EXAMPLE IV

A liquid detergent composition for household laundry use is prepared by mixing the following ingredients:

C_{13} alkylbenzenesulfonic acid	10.5%
Triethanolamine cocoalkyl sulfate	4.0
C_{14-15} alcohol ethoxy-7	12.0
C_{12-18} alkyl monocarboxylic acids	15.0
TMS/TDS, triethanolamine salt 85/15 TMS/TDS	5.0
Diethylenetriaminepentakis (methylenephosphonic) acid	0.8
Polyacrylic acid (avg. M.W. approx. 5000)	0.8
Triethanolamine	4.5
Ethanol	8.6
1,2-Propanediol	3.0
Water, perfume, buffers and miscellaneous	Balance to 100%

EXAMPLE V

In the Compositions which follow, the abbreviations used have the following designations:

C_{12}LAS	Sodium linear C_{12} benzene sulfonate
TAS	Sodium tallow alcohol sulfonate
TAE_n	Hardened tallow alcohol ethoxylated with n moles of ethylene oxide per mole of alcohol
Dobanol 45E7	A C_{14-15} primary alcohol condensed with 7 moles of ethylene oxide
TAED	Tetraacetyl ethylene diamine
NOBS	Sodium nonanoyl oxybenzenesulfonate
INOBS	Sodium 3,5,5 trimethyl hexanoyl oxybenzene sulfonate
Silicate	Sodium silicate having an SiO_2:Na_2O ratio of 1:6
Sulfate	Anhydrous sodium sulfate
Carbonate	Anhydrous sodium carbonate
CMC	Sodium carboxymethyl cellulose
Silicone	Comprising 0.14 parts by weight of an 85:15 by weight mixture of silanated silica and silicone, granulated with 1.3 parts of sodium tripolyphosphate, and 0.56 parts of tallow alcohol condensed with 25 molar proportions of ethylene oxide
PC1	Copolymer of 3:7 maleic/acrylic acid, average molecular weight about 70,000, as sodium salt
PC2	Polyacrylic acid, average molecular weight about 4,500, as sodium salt
ODS	Sodium oxydisuccinate
Perborate	Sodium perborate tetrahydrate of nominal formula $NaBO_2.3H_2O.H_2O_2$
Enzyme	Protease
EDTA	Sodium ethylene diamine tetra acetate
Brightener	Disodium 4,4'-bis(2-morpholino-4-anilino-s-triazin-6-ylamino) stilbene-2:2'disulfonate
DETPMP	Diethylene triamine penta(methylene phosphonic acid), marketed by Monsanto under the Trade name Dequest 2060
EDTMP	Ethylenediamine tetra (methylene phosphonic acid), marketed by Monsanto, under the Trade name Dequest 2041

Granular detergent compositions are prepared as follows. A base powder composition is first prepared by mixing all components except, where present, Dobanol 45E7, bleach, bleach activator, enzyme, suds suppresser, phosphate and carbonate in crutcher as an aqueous slurry at a temperature of about 55° C. and containing about 35% water. The slurry is then spray dried at a gas inlet temperature of about 330° C. to form base powder granules. The bleach activator, where present, is then admixed with TAE_{25} as binder and extruded in the form of elongated particles through a radical extruder as described in European Patent Application Number 62523. The bleach activator noodles, bleach, enzyme, suds suppressor, phosphate and carbonate are then dry-mixed with the base powder composition and finally Dobanol 45E7 is sprayed into the final mixture.

	COMPOSITIONS			
	A	B	C	D
C_{12}LAS	4	9	8	8
TAS	4	3	—	3
TAE_{25}	0.5	0.5	0.8	—
TAE_{11}	—	1	—	—
Dobanol 45E7	4	—	4	2
NOBS	—	2	—	—
INOBS	3	—	—	—
TAED	0.5	—	3	—
Perborate	19	20	10	24
EDTMP	0.3	—	0.4	0.1
DETPMP	—	0.4	—	—
EDTA	0.2	0.2	0.2	0.1
Magnesium (ppm)	1000	1000	750	—
PC1	2	1	2	2
PC2	1	1	—	1
ODS	25	7	15	10
Zeolite A*	—	15	14	—
Sodium tripolyphosphate	—	—	—	12
Coconut Soap	—	—	—	2
Carbonate	17	15	10	—
Silicate	3	2	2	7
Silicone	0.2	0.2	0.3	0.2
Enzyme	0.8	0.5	0.4	0.3
Brightener	0.2	0.2	0.2	0.2
Sulfate, Moisture & Miscellaneous			to 100	

*Zeolite A of 4 A pore size.

The above compositions are zero and low phosphate detergent compositions displaying excellent bleach stability, fabric care and detergency performance across the range of wash temperatures with particularly outstanding performance in the case of Compositions A, B and C on greasy and particulate soils at low wash temperatures.

EXAMPLE VI

Aqueous washing solutions corresponding to solutions containing 1500 ppm of various granular detergent compositions are tested for their ability to remove several types of soils from several types of fabrics. The granular detergent composition of these types are those which contain the following components in the following amqunt: